

CECW-EP  Engineer Regulation 1110-1-1001	Department of the Army U.S. Army Corps of Engineers Washington, DC 20314-1000	ER 1110-1-1001  1 February 1992
	Engineering and Design  STANDARD SURVEY DISC	
	<b>Distribution Restriction Statement</b> Approved for public release; distribution is unlimited.	

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DEPARTMENT OF THE ARMY  
US Army Corps of Engineers  
Washington, DC 20314-1000

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Engineer Regulation  
No. 1110-1-1001

1 February 1992

**Engineering and Design  
STANDARD SURVEY DISC**

**1. Purpose**

This regulation prescribes the standard survey disc to be used throughout the US Army Corps of Engineers (USACE), discontinues the former central procurement of survey discs, and authorizes USACE Commands to procure these discs directly from commercial suppliers.

**2. Applicability**

This regulation is applicable to all HQUSACE/OCE elements, major subordinate commands, districts, laboratories, and field operating activities having civil works, military programs, and environmental restoration responsibilities.

**3. Reference**

EM 1110-1-1002, Survey Markers and Monumentation

**4. Policy**

*a.* The standard survey disc, shown in Appendix A, will be used for all permanent survey markers and monumentation as described in EM 1110-1-1002, unless otherwise authorized by HQUSACE, ATTN: CECW-EP.

*b.* Central procurement of survey discs through the Rock Island District can no longer be justified and is terminated. Commercially available survey discs, similar to the standard disc, should be procured directly

by each USACE Command or its contractors. During the remainder of fiscal year 1992, USACE Commands should contact Rock Island District (ATTN: CENCR-CT-C) prior to procuring survey discs directly from commercial supplier to ascertain any stock excess that may be available.

*c.* As a minimum, the disc must be 3½ inches in diameter ( $\pm$  ¼ inch) and display the standard USACE logo (Appendix A). The standard disc is available with several shank types for the various installations described in EM 1110-1-1002. It is essential that the appropriate shank type be used on the various monuments described in EM 1110-1-1002 for a proper fit.

*d.* The disc has blank boxes on its face for stamping, together with labels specifying what is to be stamped. The "Station Designation" blank permits naming the mark, which shall follow the guidance in EM 1110-1-1002 for both horizontal and vertical marks. The arrow required for reference marks may be easily formed using a "V" stamp on the long horizontal line located on the face. The disc has a well-defined center to permit monuments and benchmarks to be located accurately and has sufficient crown to permit placing of the leveling rod on the highest point, even though the disc may not be set in a perfectly horizontal position. Stamping die sets are to be used to imprint the necessary information in a neat and legible manner.

FOR THE COMMANDER:

1 Appendix  
App A - Standard USACE Survey Disk Logo

  
MILTON HUNTER  
Colonel, Corps of Engineers  
Chief of Staff

This regulation supersedes ER 1110-1-1001, dated 12 July 1971.

